

METHOD AND APPARATUS FOR CONTROLLING A BICYCLE TRANSMISSION

ABSTRACT OF THE DISCLOSURE

An apparatus for controlling upshifting and downshifting of a bicycle transmission includes a running condition detecting mechanism that detects a running condition of the bicycle, a threshold value setting mechanism that sets at least one of an upshift threshold value and a downshift threshold value for the running condition, and a control mechanism. The control mechanism provides a signal that commands at least one of an upshift and a downshift when the running condition is beyond the corresponding upshift threshold value and downshift threshold value for a first predetermined time interval. In another embodiment, the control mechanism provides a signal that commands at least one of an upshift and a downshift when the running condition is beyond the corresponding one of the upshift threshold value and the downshift threshold value at both a first detection and a second detection, wherein the second detection occurs after the first detection. The control mechanism provides the signal after the second detection and not in a time interval between the first detection and the second detection.